MICRO-FLOW LABEL SWITCHING

ABSTRACT OF THE DISCLOSURE

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An invention is provided for affording an aggregate micro-flow having intelligent load balancing. Initially, a set of label switched paths (LSPs) is defined for a network domain. Then, as the network receives a set of data packets, a micro-flow comprising the set of data packets is defined. In addition to the information included in each received data packet, the micro-flow includes a quality of service (QoS) type. A particular label switched path (LSP) is selected from the defined set of LSPs, based on the QoS type of the micro-flow, and the micro-flow is transmitted along the selected LSP.